

10/562605
IAP20 Rec'd PCT/PTO 27 DEC 2005

IN THE UNITED STATES DESIGNATED OFFICE DO/EO/US
REGARDING THE INTERNATIONAL APPLICATION OF:

(1) Young-Man PARK, (2) Seong-Choon LEE and (3) Yong-Joo TCHA

ENTITLED: "TWO-FACTOR AUTHENTICATED KEY EXCHANGE METHOD AND
AUTHENTICATION METHOD USING THE SAME, AND RECORDING MEDIUM
STORING PROGRAM INCLUDING THE SAME"

INTERNATIONAL APPLN. NO. PCT/KR2004/001569

Our Ref: B-5851PCT 623146-3

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attn: United States Designated/Elected Office (DO/EO/US)

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV300746705US

Date of Deposit: December 27, 2005

I hereby certify that the following attached papers or fee

- postcard
- check no. 21036 for \$1,350.00
- Transmittal Letter (2 pages)
- Preliminary Amendment (10 pages)
- copy of PCT International Application as filed and published
consisting of: Title page with Abstract (1 page),
Specification (23 pages), Claims (11 pages), 2 sheets of
Drawings (Figs. 1-2) and International Search Report (2
pages)
- unsigned Declaration/Power of Attorney (4 pages)
- Claim to Priority (1 page)
- copy of Written Opinion (3 pages)
- Information Disclosure Statement (IDS) (2 pages)
and Form PTO-1449 (modified) (1 page) with copy of
International Search Report (3 pages) and copies of foreign
patent documents

are being deposited with the United States Postal Service "Express
Mail Post Office to Addressee" service with sufficient postage under
37 CFR 1.10 on the date indicated above in an envelope addressed to

"Mail Stop PCT

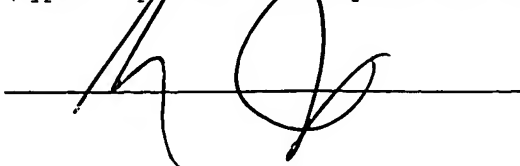
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450"

Suzanne Johnston

(Typed or printed name of person mailing paper or fee)



10/562605

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

Docket No. B-5851PCT 623146-3

International Application No.:
PCT/KR2004/001569Applicant(s) for DO/EO/US:
Young-Man PARK, et al.International Filing Date:
28 June 2004

Title of Invention:

"TWO-FACTOR AUTHENTICATED KEY EXCHANGE METHOD AND AUTHENTICATION METHOD
 USING THE SAME, AND RECORDING MEDIUM STORING PROGRAM INCLUDING THE SAME"

Priority Date Claimed:
27 June 2003

U.S. Application No.
 (if known, see 37 CFR 1.5)
 NOT YET ASSIGNED

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and
 other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The U.S. Has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with copy of PCT search report.
12. ☐ An assignment document for recording. A separate cover sheet with check for \$40.00 in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT rule 13ter.2 and 37CFR 1.621 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: copy of published PCT application (39 pages)
 unsigned Declaration/Power of Attorney (4 pages)
 Claim to Priority (1 page)
 copy of Written Opinion (3 pages)

10/562005

The following fees are submitted:

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21. ☒ Basic national fee..... \$ 300.00 = \$ 300.00

22. ☒ Examination fee
 If International preliminary examination report prepared by USPTO
 and all claims satisfy provisions of PCT Article 33(1)-(4) \$ 100.00
 All other situations..... \$ 200.00 = \$ 200.00

23. ☒ Search fee
 Search fee (37 CFR 1.445(a)(2)) has been paid on the international
 application to the USPTO as an International Searching Authority.... \$ 100.00
 International Search Report prepared and provided to the Office..... \$ 400.00
 All other situations..... \$ 500.00 = \$ 400.00

TOTAL OF 21, 22 and 23 = \$ 900.00

[] Additional fee for specification and drawings filed in paper over
 100 sheets (excluding sequence listing or computer program listing
 filed in an electronic medium). The fee is \$250 for each additional
 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	# of each additional 50	RATE	
		or fraction thereof		
<u>39</u> - 100 =	<u> </u> / 50 =	<u> </u>	x \$250.00	\$ <u> </u>

Surcharge of \$130.00 for furnishing the oath or declaration later than
 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	<u>21</u> - 20 =	<u>1</u>	x \$50.00	\$ <u>50.00</u>
Independent claims	<u>5</u> - 3 =	<u>2</u>	x \$200.00	\$ <u>400.00</u>

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$

[] Amendment deleting multiple dependencies enclosed

TOTAL OF ABOVE CALCULATIONS = \$ 1350.00

[] Applicant claims small entity status. See 37 CFR 1.27.
 The fees indicated above are reduced by 1/2. (50% of above) \$

SUBTOTAL = \$

Processing fee of \$130.00 for furnishing the English translation later than
 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$

TOTAL NATIONAL FEE = \$ 1350.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)).
 The assignment must be accompanied by an appropriate cover
 sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$

TOTAL FEES ENCLOSED = \$ 1350.00

Amount to be refunded: \$
 charged: \$

☒ A check in the amount of \$ 1350.00 to cover the above fees is enclosed.

[] Please charge my Deposit Account No. in the amount of \$ to
 cover the above fees. A duplicate copy of this sheet is enclosed.

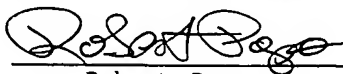
☒ The commissioner is hereby authorized to charge any additional fees
 which may be required, or credit any overpayment to Deposit Account No.
12-0415. A duplicate copy of this sheet is enclosed.

[] Fees are to be charged to a credit card. WARNING: Information on this
 form may become public. Credit card information should not be included on
 this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR
 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:

LADAS & PARRY
 5670 Wilshire Boulevard, Suite 2100
 Los Angeles, California 90036-5679
 Telephone: (323) 934-2300
 Telefax: (323) 934-0202


 Robert Popa
 Reg. No. 43,010